

More Rains Across State

Five days were suitable for fieldwork during the week ending July 31, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.54 inches in the southwest Lower Peninsula to 1.59 inches in the eastern Upper Peninsula. Average temperatures ranged from 2 degrees below normal in the western Upper Peninsula and east central Lower Peninsula to normal in the southeast Lower Peninsula. Additional precipitation was welcomed in the State this past week. One farmer in the northeast mentioned, “We received rainfall last week and cooler temperatures, which helped relieve some of the drought stress that is being felt by the crops. Subsoil moisture levels are still critically low for deeper rooted tree fruit crops.” Another farmer in the southeast said, “Some rain fell early in the week and temperatures have been cool since then, so crop moisture has been good, and growth has been good.”

Field Crops

Temperatures varied during the week. While hot humid conditions prevailed, average to below average temperatures ended the week. Cooler weather, along with rainfall, helped to revive drought stricken crops in some areas. **Corn** looked good with the recent rainfall. Fields in the south and west central were tasseling. Reports of corn borer damage continued. **Soybean** fields also looked good and growth continued. Fields were setting pods in southern portions of the State. The second cutting of **alfalfa** neared completion. Regrowth from the second cutting improved in wet weather. **Winter wheat** harvest continued at a slow pace due to rainfall and wet fields. **Oat** progress varied. Most areas were harvesting, while fields in the west central continued to turn yellow. There were reports of armyworm in the northeast. **Barley** continued to turn yellow, and harvest began in the central region. **Dry bean** growth advanced. Fields varied from blooming to setting pods. Growers were concerned about white mold in areas that received significant rainfall in the past week.

Soil moisture for week ending 07/31/05

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	5	15	78	2
Subsoil	13	26	61	0

Crop condition for week ending 07/31/05

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	10	14	21	41	14
Barley	0	25	42	21	12
Corn	2	5	18	54	21
Dry beans	0	5	36	54	5
Oats	1	6	32	50	11
Pasture	11	16	28	35	10
Soybeans	1	5	19	54	21

Fruit

In the southwest, **apple** growers were scouting for white apple leaf hopper. Apples continued to size well in the southeast. Some early varieties had isolated damage there due to heavy winds. Along the Ridge, terminal buds were setting on many varieties. In the west central, apples continued to size well. In the southwest, non-irrigated **blueberries** were being abandoned as fruit shriveled in the field. Blueberry harvest continued in the southeast, with an excellent crop. Harvest of Red Haven **peaches** continued in the southwest. In the southeast, peach harvest continued. In the west central, peaches looked good, as powdery mildew has been light. **Grapes** were coloring in the southwest. In the northwest, some grape varieties were at berry touch. In the west central, **tart cherry** harvest was almost finished, with a few orchards near Lake Michigan still to be picked. Quality there was excellent. Tart cherry harvest continued in the northwest, with earlier sites completing harvest. Quality was holding up well in the region. In the southeast, **pears** were sizing well.

Vegetables

Vegetable crops progressed well after receiving some cool temperatures and some much needed rain throughout the State. **Carrot** and **onion** crops continued to look good. **Pepper** harvest was underway in many areas. **Potato** harvest continued. **Pumpkin** plants were beginning to color in some areas. **Snap bean** plantings looked good and harvest continued. **Sweet corn** harvest continued and appeared to be plentiful due to the warm temperatures. **Squash, zucchini,** and **cucumber** harvest continued with some insect problems appearing in fields. **Tomatoes** for processing continued to develop well while fresh market harvest continued with very good size.

Crop progress for week ending 07/31/05

Crop	This week	Last week	Last year	5-year average
	Inches	Inches	Inches	Inches
Corn, height	75	68	57	62
	Percent	Percent	Percent	Percent
All hay, second cutting	74	65	61	64
All hay, third cutting	8	NA	4	NA
Blueberries, harvested	45	32	58	NA
Corn, silked	94	70	64	60
Corn, dough	5	NA	3	1
Dry beans, blooming	67	47	35	41
Dry beans, setting pods	25	NA	9	12
Oats, harvested	43	6	19	20
Peaches, harvested	20	8	22	NA
Potatoes, harvested	3	NA	NA	NA
Soybeans, blooming	87	80	58	69
Soybeans, setting pods	58	34	26	29
Tart cherries, harvested	95	77	83	NA
Winter wheat, harvested	94	79	85	89

Michigan Weather Summary for Week Ending 07/31/05 ¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2005	2004	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	86	41		1,470	1,062		0.66	1.50	1.91	8.79		
Marquette	86	44		1,362	960		1.51	1.95	2.10	10.39		
Stephenson	84	46		1,479	1,208		0.43	1.34	1.77	7.06		
Western UP	89	41	-2	1,415	1,042	1,180	0.69	1.59	1.93	8.68	12.68	3.42
Cornell	92	46		1,389	1,061		0.84	1.18	1.18	5.89		
Sault St Marie	83	45		1,345	833		2.86	2.94	3.02	7.27		
Eastern UP	92	43	-1	1,323	892	1,001	1.59	1.98	2.33	7.34	11.89	3.19
Beulah	88	47		1,650	1,238		1.42	2.25	2.37	7.56		
Lake City	87	43		1,553	1,244		0.88	2.08	3.64	9.39		
Old Mission	89	48		1,551	1,170		1.23	1.60	2.18	5.77		
Pellston	87	40		1,545	1,140		0.98	1.95	2.78	6.80		
Northwest	89	40	-1	1,548	1,153	1,341	1.28	2.08	2.79	7.25	11.32	2.99
Alpena	91	45		1,468	1,174		1.45	2.51	2.83	8.08		
Houghton Lake	86	43		1,586	1,310		0.85	1.94	3.15	8.25		
Rogers City	88	46		1,515	1,155		1.23	2.50	3.23	8.06		
Northeast	91	42	-1	1,548	1,212	1,294	1.18	2.46	3.38	8.71	11.36	3.18
Fremont	91	48		1,765	1,472		0.74	1.67	2.36	5.77		
Hart	90	47		1,685	1,355		2.08	2.62	4.29	8.01		
Muskegon	91	49		1,793	1,477		0.60	1.50	1.82	5.61		
West Central	91	45	-1	1,722	1,405	1,472	1.35	2.01	3.12	6.72	11.31	2.54
Alma	91	50		1,784	1,565		0.60	1.95	2.35	6.92		
Big Rapids	91	51		1,728	1,467		1.72	3.56	4.67	8.61		
Central	91	49	-1	1,742	1,512	1,540	0.96	2.54	3.25	7.88	12.19	2.97
Bad Axe	88	51		1,672	1,400		1.24	2.25	3.26	10.58		
Pigeon	86	47		1,581	1,379		0.96	1.96	2.68	9.12		
Saginaw	87	50		1,704	1,553		1.38	2.90	4.03	10.92		
Standish	88	49		1,660	1,368		0.96	3.12	4.21	11.26		
East Central	91	47	-2	1,636	1,435	1,524	1.02	2.44	3.29	10.46	11.18	2.92
Fennville	93	48		1,798	1,511		0.32	1.16	1.32	4.79		
Grand Rapids	90	54		1,876	1,776		0.91	3.47	4.73	14.87		
Holland	91	50		1,866	1,591		0.47	0.48	0.56	2.58		
South Bend, IN	88	52		2,006	1,889		0.88	1.55	3.48	7.46		
Watervliet	91	52		1,912	1,679		0.55	1.69	2.86	7.46		
Southwest	96	48	-1	1,886	1,682	1,658	0.54	1.60	2.53	7.03	13.06	3.09
Belding	90	48		1,731	1,591		0.59	2.22	2.51	11.89		
Coldwater	90	50		1,770	1,642		0.51	2.35	3.83	10.06		
Lansing	90	54		1,869	1,667		0.76	3.83	5.85	14.12		
South Central	91	48	-1	1,830	1,687	1,645	0.67	2.53	3.90	10.64	12.90	3.22
Detroit	92	58		1,975	1,844		1.73	2.87	5.40	10.97		
Flint	87	51		1,788	1,714		1.52	3.43	5.67	10.34		
Romeo	90	56		1,787	1,667		1.17	2.89	4.79	11.80		
Tipton	91	53		1,842	1,658		1.18	4.10	6.07	11.75		
Toledo, OH	92	56		1,970	1,929		1.48	3.31	4.67	9.46		
Southeast	92	50	0	1,842	1,752	1,622	1.24	3.04	5.08	11.62	12.53	3.11

¹ Issued by the Federal/State Michigan Agricultural Statistics Service in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.